

**AMENDMENTS TO THE CLAIMS:**

This listing of the claims will replace all prior versions, and listings, of the claims in this application.

**Listing of Claims:**

1. (Currently Amended) System for monitoring an occupancy area (15.1 — 15.3), which system includes

- a device (10) arranged in connection with the monitored party (A - D) which includes localizing means (12), means of communication (13) for communication in a wireless data communication network (20.1 - 20.3), a processor unit (MCU) and a storage medium (16), wherein at least location information (23 - 25) defining the limit of the said occupancy area (15.1 - 15.3) is arranged, based on which the current status information of the monitored party (A - D) is adapted to be defined,
- terminal equipment (22) arranged in connection with the monitoring party (21), and
- a wireless data communication network (20.1 - 20.3) as a means of communication between the said device (10) and the terminal equipment (22),

and in which system ~~characterized in that~~ the said location information (23 - 25) defining the occupancy area (15.1 - 15.3) is arranged for definition by the device (10), whose processor unit (MCU) is adapted to define the status information of the monitored party (A - D) at each time based on the current location information defined by the localizing means (12) and on the location information (23 - 25) arranged in the storage medium (16) and defining the limit of the occupancy area (15.1 - 15.3), and wherein, according to a criterion established for the said status information, the device (10) is adapted to transmit

to at least one piece of terminal equipment (22) established form information ~~in a form~~ established by its means of communication (13), characterized in that the said established form information is network location information defined by using one or several network elements (20.1 – 20.3) which operation of the elements (20.1 – 20.3) is based on the wireless data communication network (20.1 – 20.3) technology in which area of the network elements (20.1 – 20.3) the device (10) is located.

2. (Canceled).
3. (Canceled).
4. (Previously Presented) System according to claim 1, characterized in that the said terminal equipment is a piece of mobile terminal equipment (22) of a kind known as such.
5. (Previously Presented) System according to claim 1, characterized in that identifier information of the terminal equipment (22) is arranged in the device (10).
6. (Previously Presented) System according to claim 1, characterized in that a packet-connection module (13) is arranged in the device (10) as the means of communication.
7. (Currently Amended) Device (10) for monitoring of an occupancy area (15.1 - 15.3), wherein the device (10) arranged in connection with the monitored party (A - D) includes localizing means (12), means of communication (13) for communication in a wireless data communication network (20.1 - 20.3), a processor unit (MCU) and a storage medium (16), wherein at least location information (23 - 25) defining the limit of the said occupancy area (15.1 - 15.3) is arranged which location information is arranged for definition by the device (10), based on which the current status information of the monitored party (A - D) is adapted to be defined, and wherein, according to a criterion established for said status information, the device (10) is adapted to transmit to at least

one piece of terminal equipment (22) established form information by its means of communication (13), characterized in that the said established form information is network location information defined by using one or several network elements (20.1 – 20.3) which operation of the elements (20.1 – 20.3) is based on the wireless data communication network (20.1 – 20.3) technology in which area of the network elements (20.1 – 20.3) the device (10) is located location information (23–25) defining the limit of the occupancy area (15.1–15.3) is arranged for definition by the device (10).

8. (Original) Device according to claim 7, characterized in that the device (10) is fitted to perform steps in order to define its location in the wireless communication network (20.1 – 20.3).
9. (Previously Presented) Device according to claim 7, characterized in that a packet-connection module (13) is arranged in the device (10) as the means of communication.
10. (New) Device according to claim 1, wherein the occupancy area is defined through a central point and a radius.
11. (New) Device according to claim 1, wherein the occupancy area is defined as a polygon.
12. (New) Device according to claim 1, wherein the occupancy area is determined by moving the device (10) to at least one geographical location.
13. (New) Device according to claim 7, wherein the occupancy area is defined through a central point and a radius.
14. (New) Device according to claim 7, wherein the occupancy area is defined as a polygon.
15. (New) Device according to claim 7, wherein the occupancy area is determined by moving the device (10) to at least one geographical location.